



DOCKET NO.: UPN-4365/M2166-USPN-CO1
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Jeffrey W. Berger, et al.

Application No.: 10/761,606

Filing Date: January 21, 2004

For: A METHOD FOR JUDGING CHANGES IN IMAGES OF THE EYE OR ITS
COMPONENT PARTS

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT: *March 26, 2004*

I HEREBY CERTIFY THAT THIS PAPER IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID,
ON THE DATE INDICATED ABOVE AND IS
ADDRESSED TO THE UNITED STATES PATENT AND
TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA,
VA 22313-1450.

Elizabeth A. McLoud

TYPED NAME: Elizabeth A. McLoud

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☒ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☒ Copies of references **1-16** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **10/168,932**, filed **December 18, 2002 now U.S. Patent 6,698,885 B2.**

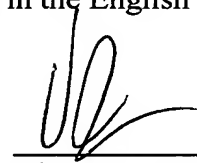
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

**DOCKET NO.: UPN-4365/M2166-USPN-CO1
PATENT**

- 4 -

- ☐ The relevance of those listed references which are not in the English language is as follows:
- ☒ There are no listed references which are not in the English language.

Date:



Vincent J. Roccia
Registration No. 43,887

WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

© 2004 WW



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. UPN-4365/ M2166-USPN-CO1	Application No. 10/761,606
		Applicant Jeffrey W. Berger, et al.	
		Filing Date January 21, 2004	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	1	Algazi, R.V., et al., "Computer analysis of the optic cup in glaucoma," <i>Invest. Ophthalmol Vis. Science</i> , 1985 , 26, 1759-1770	
	2	Berger, "Quantitative, image sequence analysis of fundus fluorescein angiography," <i>Ophthalmic Surgery & Lasers</i> , 1999 , 30, 72-73	
	3	Berger, J.W., et al., "Computerized stereochronoscopy and alternation flicker to detect optic nerve head contour change," <i>Ophthalmology</i> , 2000 , 107, 1316-1320	
	4	Goldmann, H., et al., "Rapid detection of changes in the optic disc: stereo-chronoscopy," Albrecht v. Graefes, <i>Arch. klin. exp. Ophthalm.</i> , 1977 , 202, 87-99	
	5	Goldmann, H., et al., "Rapid detection of changes in the optic disc: stereo-chronoscopy. II. Evaluation technique, influence of some physiologic factors, and follow-up of a case of choked disc.," Albrecht v. Graefes <i>Arch. Klin. Exp. Ophthalm.</i> , 1978 , 205, 263-277	
	6	Heijl, A., et al., "Diagnosis of early glaucoma with flicker comparisons of serial disk photographs," <i>Invest. Ophthalmol and Vis. Science</i> , 1984 , 30, 2376-2384	
	7	Heijl, A., "Flicker analysis," <i>Clinical Methods</i> , Chapter 14, 169-183	
	8	Nagin, P., et al., "Measurement of fluorescein angiograms of optic disk and retina using computerized image analysis," <i>Ophthalmology</i> , 1985 , 92, 547-552	
	9	Nagin, P., et al., "The reproducibility of computerized boundary analysis for measuring optic disc pallor in the normal optic disc," <i>Ophthalmology</i> , February 1985 , 92(2), 243-251	
	10	Shin, et al., "Computer-assisted, interactive fundus image processing for macular drusen quantitation," 1999 , <i>Ophthalmology</i> , 106, 1119-1125	
EXAMINER		DATE CONSIDERED	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. UPN-4365/ M2166-USPN-CO1	Application No. 10/761,606
		Applicant Jeffrey W. Berger, et al.	
		Filing Date January 21, 2004	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	11	Varma, R., et al., "Diagnosis of early glaucoma with flicker comparisons of serial disc photographs," The Optic Nerve in Glaucoma, <i>Investigative Ophthalmology & Visual Science</i> , November 1989, 30(11), 2376-2384	
EXAMINER		DATE CONSIDERED	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UPN-4365/ M2166-USPN-CO1	Application No. 10/761,606
	Applicant Jeffrey W. Berger, et al.	
	Filing Date January 21, 2004	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	12	3,711,712	01/16/73	McLaren	378	163
	13	4,824,238	04/25/89	Feldman, et al.	351	206
	14	5,394,199	02/28/95	Flower	351	206
	15	5,836,872	11/17/98	Kenet, et al.	600	306
	16	6,379,006 B1	04/30/02	Eikelboom, et al.	351	221

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER	DATE CONSIDERED
-----------------	------------------------